Syllabus (Fall 2014)
(Online) College Algebra
MA 1128-191: Online

Howard Iseri
I’ll generally refer to myself as Howard, and you can too.

Office: 213C Elliott Hall. Email: hiseri@mansfield.edu. Web page: http://faculty.mansfield.edu/hiseri.

Office Hours: 9:00-9:25amMWF, 11:30-11:55amMWF, and 2:30-3:20pmTTh.

Optional Text: Algebra for College Students, Allen R. Angel (any edition). This book explains everything we’re going to cover, but the lecture notes should also. You won’t need the book for any of the assignments. The book will go into more detail, and cover many things that won’t be in the course. It’s a good book, and like most textbooks these days, it’s a bit expensive. It’s probably not necessary for this course.

Catalog Description: Review of ideas in basic algebra, graphs, equations, inequalities, and a strong emphasis on functions (general, polynomial, rational, exponential and logarithmic).

General Education: This course will satisfy Group III (Mathematics) in the old General Education requirements, and also the Mathematics requirement in the new General Education program, for students starting in Fall 2011 or later. Any of the assignments in the class may be collected as artifacts for assessment purposes.

Calculator: You will want to use a calculator for this class, and you will be allowed to use it on tests. A $15 scientific calculator should be sufficient. Make sure that your calculator has exponents, logs, and trig functions.

Web Access: Not surprisingly, you will need internet access. I will post class materials on my web page and in Desire2Learn. You will be taking quizzes and tests online in Desire2Learn. To get to Desire2Learn, go to the Mansfield University home page, click Quick Links at the upper-right corner of the screen, and under Web Logins, choose Desire2Learn to get to the login page. There are directions there on how to log in. Send me an email, if you can’t get in. Some course documents will be in PDF format and some will be PowerPoint files, so you will need Adobe Acrobat or Adobe Reader and PowerPoint or PowerPoint Viewer. Click on Adobe Reader and PowerPoint Viewer for information on free downloads. Campus policy requires that we use your Mansfield University email address for all course business. See the Mansfield University Summer School web page for more information. After you have registered for the course, you should be automatically enrolled in Desire2Learn.

Grading: 20 points each Quizzes (About one each day).
200 points each Five Tests (Equally spaced throughout the semester. Dates will be somewhat flexible.).

The quizzes will end up counting for about 1/4 of your total grade, and the tests will count for about 3/4.

Honesty: You will be taking quizzes and tests online in Desire2Learn. It is allowable for you to have a “tutor,” who will explain concepts to you, and help you with examples. Getting hints on quiz problems is OK, but your quiz answers should be your own work. You should work completely on your own on the tests. Receiving more help than this is cheating.

Letter Grades: Your final course grade will be based on the percentage of points you get out of the total possible. 93% and above is an A, 90% and above is an A-, 87% and above is a B+, 83% and above is a B, 80% is a B-, 77% is a C+, 73% is a C, 70% is a C-, 67% is a D+, 63% is a D, 60% is a D-, and anything below 60% is an F.
Procedures: On my web page, I will make a PowerPoint Lecture for each section of the course, and each will be associated with a practice problem set and a quiz. Also on my web page, there will be a Quiz Worksheet in a PDF document. You should work out your answers, and then you’ll log into Desire2Learn, and enter the answers in the appropriate Quiz. You will be allowed to take the quizzes as many times as you wish, and you should think of the quizzes as practice for the tests. The tests will be taken completely within Desire2Learn.

Most of our interaction will be through my web page and Desire2Learn. I’ll provide links to assignments and quizzes there, so you can work through Desire2Learn entirely. Most of the assignments will also be available on my web page, so you may use these, if that’s more convenient for you.

Under “Discussions” in Desire2Learn, you may post comments and questions about the material. Please answer other students’ questions, if you can, and if you have a helpful explanation for something, please do that, as well.

Extra Credit Typos: I will give 10 points of extra credit to the first person to post notification of a typo. For Lecture and Quiz typos, post in Desire2Learn under Discussions. For Test typos send me an email.

Student Learning Objectives: (See the course schedule for a detailed list of topics.) After completing the course, you will be able to:
A. Perform standard real number operations, and be able to distinguish between equations and equivalent expressions.
B. Read graphs in the coordinate plane, quickly graph lines, and graph equations by plotting points.
C. Solve (both algebraically and graphically) linear equations, linear inequalities, quadratic equations, and absolute value equations.
D. Recognize function properties and standard types.
E. Recognize features of polynomial functions, rational functions, exponential functions, logarithmic functions, and solve equations involving these functions.

General Education Outcomes: Upon completion Mathematics course, students will have demonstrated that they can:
1. transform/manipulate numerical and algebraic expressions (SLO A,C,E);
2. find solutions to equations (SLO C,E);
3. given a table or graph, answer questions related to the data set being presented (SLO B,D,E);
4. given a data set or equation: compute an appropriate statistic or parameter (e.g., mean, standard deviation, slope, critical point) (SLO B,C,D,E) and,
5. given a data set or equation put into a specific tabular or graphical form (SLO B).

Student Consumer Rights and Responsibilities: The Higher Education Opportunity Act (Public Law 110-315) (HEOA) was enacted on August 14, 2008, and reauthorizes the Higher Education Act of 1965, as amended (the HEA). The HEOA (2008) requires colleges and universities to provide students with information necessary to make informed decisions concerning their educational experiences. Mansfield University strives to serve its students fairly and equitability. The following MU website provides an inclusive list by topic of student consumer rights and responsibilities: http://mansfield.edu/HEA/

Copyright: The University fully supports the Copyright Laws of the United States. Respect for intellectual labor and creativity is vital to academic discourse and enterprise. This principle applies to any original work in any tangible medium of expression. Images displayable on computer screens, computer software, music, books, magazines, journals, photographs, and articles are among items subject to copyright. A work need not be explicitly labeled with a copyright notice to be afforded copyright protection. For more information on Copyright please consult the Mansfield University Copyright Information website: http://mansfield.libguides.com/copyright

Students Requesting Academic and/or Access Accommodations: Students with documented learning disabilities, physical challenges, or other significant medical conditions that may affect their learning in this course should meet with the University’s Disability Advisor in the Department of Academic and Human Development (141 South Hall, Phone: 662-4436) as soon as possible. The Disability Advisor will arrange
to provide your professors with an appropriate letter so that we may serve your particular needs more effectively. If you have a disability that requires classroom or testing accommodations, the advisor will also clarify appropriate arrangements.

**Attendance Policy:** Regular class participation is expected. All faculty members are required to accept documented excuses because of illness, serious mitigating circumstances, or official university representation, and to permit students to make up missed tests and/or graded assignments in a reasonable manner. As an excuse, I will accept an explanation from you. Please do not waste someone’s time (like a doctor) to get a note for me (although other instructors may require this).

**Academic Integrity:** The integrity of all scholarly work is at the foundation of an academic community. Students are expected to do their own academic work. Dishonesty in academic work, including cheating, academic misconduct, fabrication, or plagiarism is unacceptable. Faculty are expected to instruct students in ways of avoiding these forms of academic dishonesty. Faculty are also responsible for assessing and reporting all charges of academic dishonesty to the Office of the Provost. See the policy and procedure listed at: [http://mansfield.edu/academic-affairs/resources-for-faculty/forms-and-procedures/](http://mansfield.edu/academic-affairs/resources-for-faculty/forms-and-procedures/) under “Academic Integrity Policy.”